

WHAT IS CLAIMED IS:

1. A vehicular body panel or component part comprising,  
a blank material having a formed portion; and  
a backing plate joined with the blank material and having at  
least one aperture located in a position corresponding to the formed  
portion to cope with a characteristic of the blank material.
2. A vehicular body panel according to claim 1, wherein the  
vehicular body panel comprises an inner skin forming part of a  
bonnet.
3. A vehicular body panel according to claim 2, wherein both side  
edge portions of the inner skin have the backing plates, respectively,  
in a widthwise direction of a vehicle body.
4. A method for manufacturing a vehicular body panel or component  
part, comprising the steps of:  
preparing a blank material for the vehicular body panel or  
a blank material for the vehicular component part;  
preparing a backing plate formed with at least one aperture  
to cope with a characteristic of the blank material;  
reconciling the backing plate to the blank material; and  
forming the blank material together with the backing plate.
5. A method for manufacturing a blank material for use as a  
vehicular body panel, comprising the steps of:

preparing a first backing plate for reinforcing the vehicular body panel while feeding a strip-shaped plate for the vehicular body panel between upper and lower blanking die halves;

5 blanking the strip-shaped plate by mating the upper blanking die half with the lower blanking die half relative to one another for obtaining a blank material for the vehicular body panel while obtaining a second backing plate, which has the same profile as the first backing plate, from a scrap portion;

10 mounting the backing plate by locating and reconciling the first backing plate onto the blank material remaining between the upper and lower blanking die halves; and

15 separating the upper blanking die half from the lower blanking die half for discharging the blank material with the backing plate.

20 6. A manufacturing method according to claim 5, wherein the second backing plate is shifted to a position, in which the first backing plate is preliminarily located, and is reconciled to a subsequent blank material.

25 7. An apparatus for manufacturing a blank material for use as a vehicular body panel by blanking a strip-shaped sheet by upper and lower blanking die halves, the apparatus comprising:

the upper and lower blanking die halves including cutter segments and die segments for blanking a backing plate from a scrap portion;

30 backing plate transfer means for transferring the backing plate, which is formed by blanking with the cutter segments and the die segments, from a blanking area to a mounting area; and

backing plate reconciling means for locating the reconciling  
the backing plate onto the blank material at the mounting area.

8. A manufacturing apparatus according to claim 7, wherein:

5       the backing plate reconciling means includes a caulking  
mechanism having a cavity segment remaining at one side and a punch  
remaining at the other side such that two sheets, which are composed  
of the blank material and the backing plate placed thereon, are  
located between the cavity segment and the punch to allow the punch  
10      to thrust toward the cavity segment for thereby caulking the two  
sheets.

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